



# Mitogenic Activity of CTGF and CTGF Domains

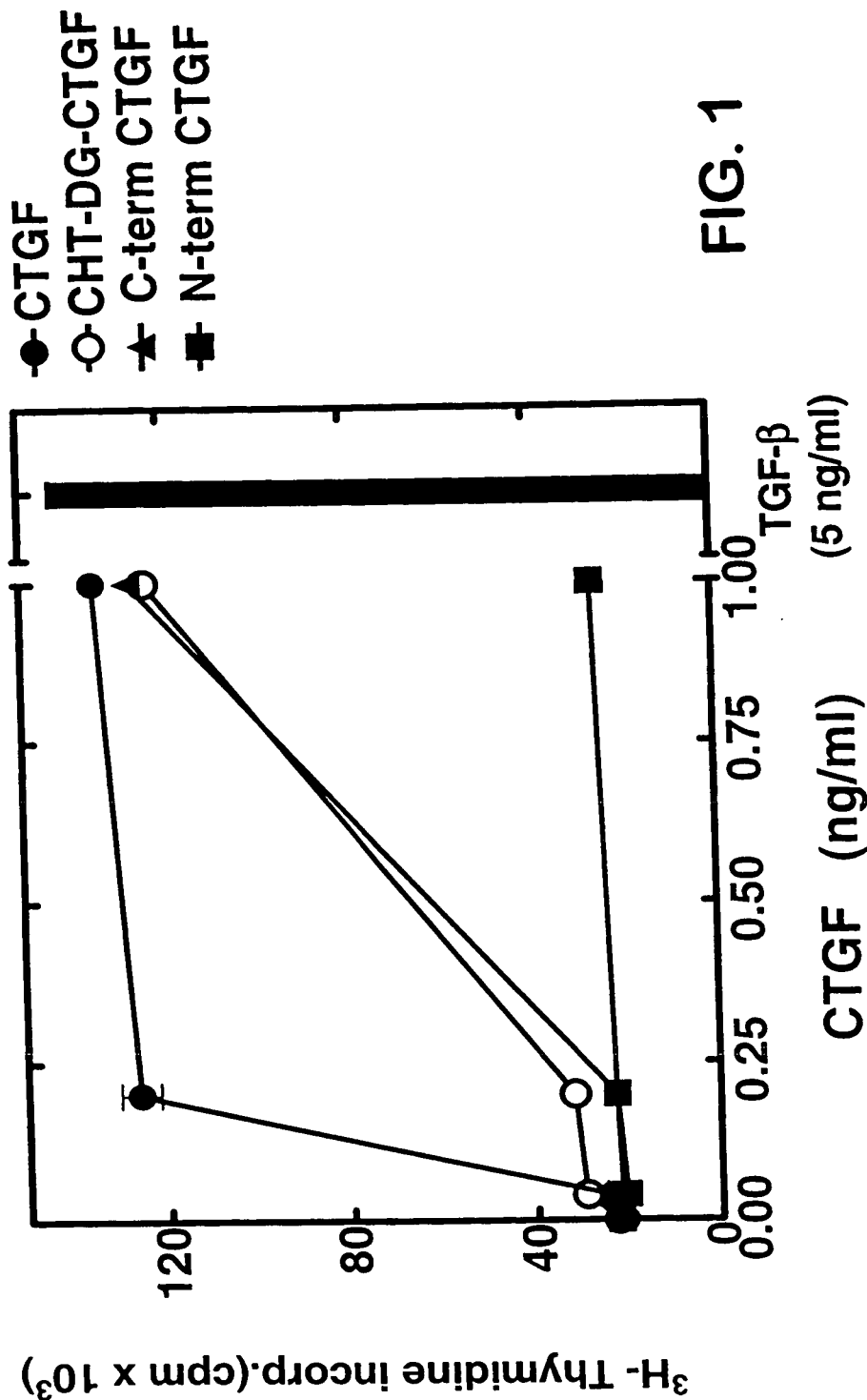


FIG. 1



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ccccgcccagacagccccgagacgacagccccggcgcggtccccacctccgaccaccgcca  
gcgctccaggccccgcgctccccgctcgccgccaccgcgcctccgctccgccccgcagtgcc  
accATGACCGCCGCCAGTATGGGCCCCGTCCGCGTCGCCTTCGTGGTCCTCCTC  
M T A A S M G P V R V A F V V L L

GCCCTCTGCAGCCGGCCGGCCGTCCGCCAGAACTGCAGCGGGCCGTGCCGGTGCCCGGAC  
A L C S R P A V G Q N C S G P C R C P D  
| -> exon 2

GAGCCGGCGCCGCGCTGCCCGGGCGGGCGTGAGCCTCGTGCTGGACGGCTGCGGCTGCTGC  
E P A P R C P A G V S L V L D G C G C C

CGCGTCTGCGCCAAGCAGCTGGGCGAGCTGTGCACCGAGCGCGACCCCTGCGACCCGCAC  
R V C A K Q L G E L C T E R D P C D P H

AAGGGCCTCTTCTGTGACTTCGGCTCCCCGGCCAACCGCAAGATCGGCGTGTGCACCGCC  
K G L F C D F G S P A N R K I G V C T A  
| ->

AAAGATGGTGCTCCCTGCATCTTCGGTGGTACGGTGTACCGCAGCGGAGAGTCCTTCCAG  
K D G A P C I F G G T V Y R S G E S F Q  
exon 3

AGCAGCTGCAAGTACCAGTGCACGTGCCTGGACGGGGCGGTGGGCTGCATGCCCTGTGC  
S S C K Y Q C T C L D G A V G C M P L C

AGCATGGACGTTTCGTCTGCCCAGCCCTGACTGCCCTTCCCGAGGAGGGTCAAGCTGCCC  
S M D V R L P S P D C P F P R R V K L P

GGGAAATGCTGCGAGGAGTGGGTGTGTGACGAGCCCAAGGACCAAACCGTGGTTGGGCCT  
G K C C E E W V C D E P K D Q T V V G P

GCCCTCGCGGCTTACCGACTGGAAGACACGTTTGGCCCAGACCCAACTATGATTAGAGCC  
A L A A Y R L E D T F G P D P T M I R A  
| -> exon 4

AACTGCCTGGTCCAGACCACAGAGTGGAGCGCCTGTTCCAAGACCTGTGGGATGGGCATC  
N C L V Q T T E W S A C S K T C G M G I

TCCACCCGGGTTACCAATGACAACGCCTCCTGCAGGCTAGAGAAGCAGAGCCGCCTGTGC  
S T R V T N D N A S C R L E K Q S R L C

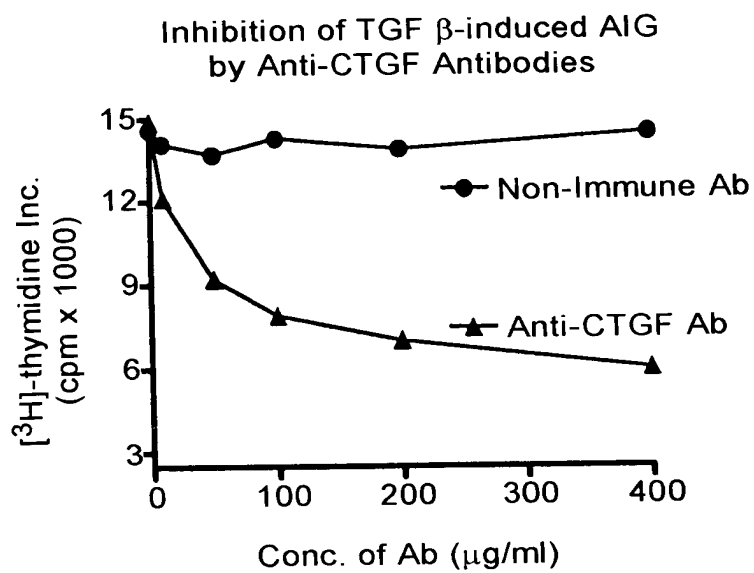
FIG. 2-1



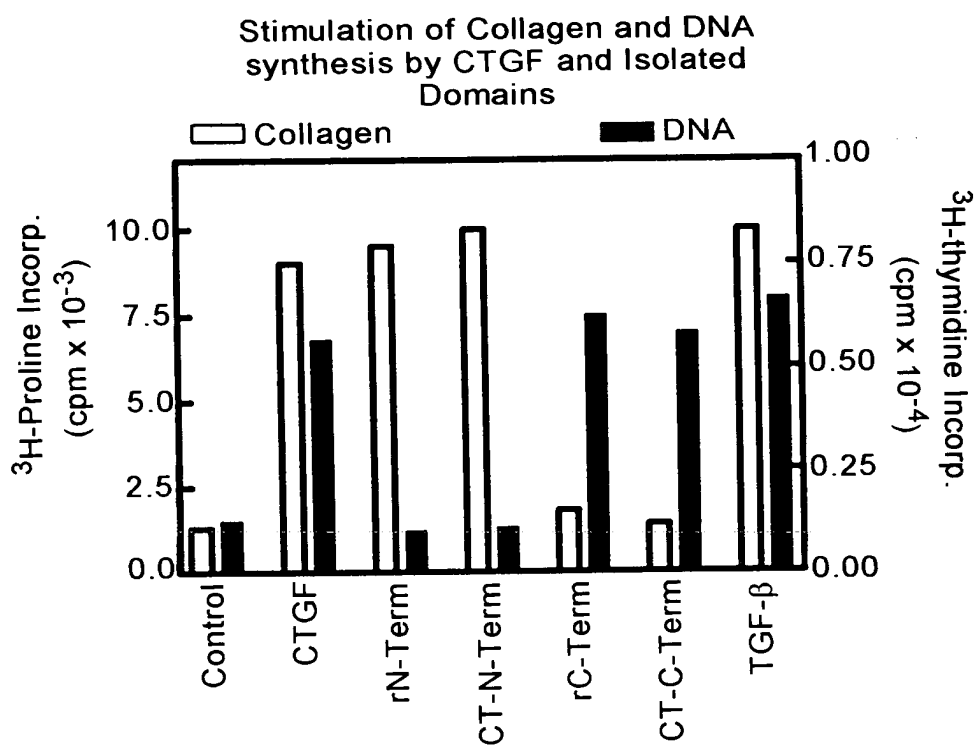




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**FIG. 4**



**FIG. 5**

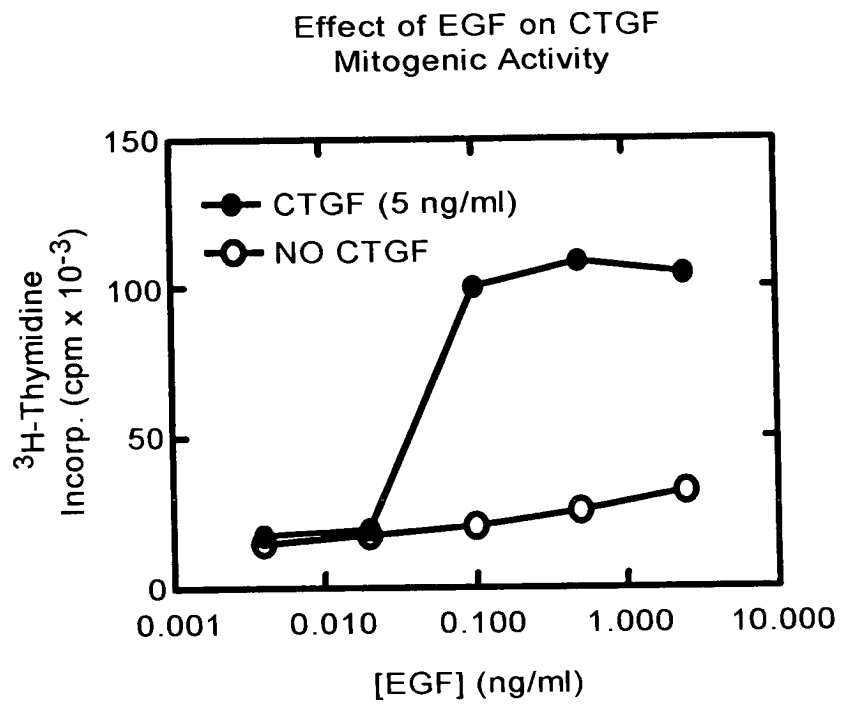


FIG. 6



Selective Inhibition of DNA  
Synthesis is by anti-CTGF  
C-Terminal Ig G

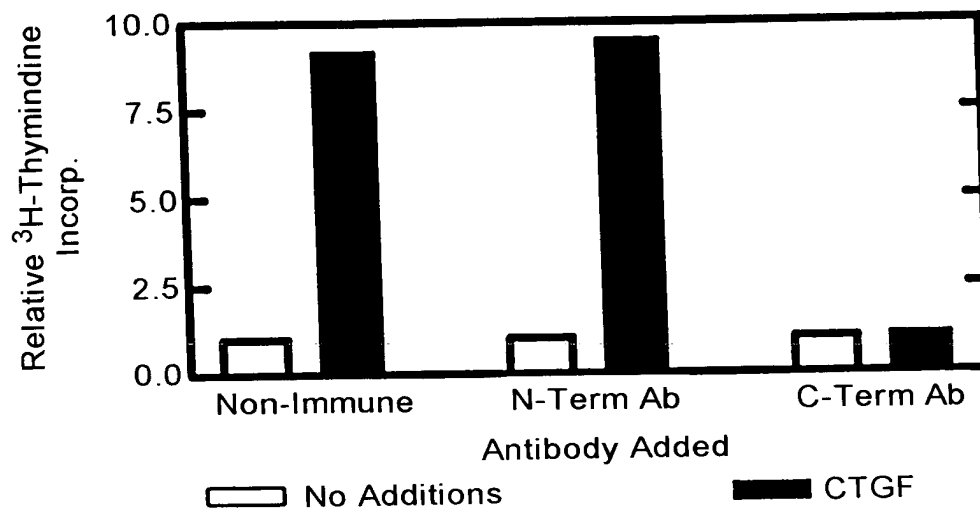


FIG. 7